

Application No. 10/720,617  
Attorney Docket No. 2003B125

RECEIVED  
CENTRAL FAX CENTER

JUL 27 2006

REMARKS

Claims 1-15, 19-24 and 26-32 are pending in the case.

Claims 16-18, and 25 have been canceled.

Claims 22-24 and 26-30 are withdrawn from consideration as being directed to non-elected subject matter.

Claims 1-15, 19-21, and 31-32 are under consideration by the Examiner. Claim 32 is new.

Moser et al. (U.S. 6,514,904) teaches a catalyst for the conversion of hydrocarbons comprising an alumina support and numerous optional ingredients. For instance, at col. 2, line 45, it is disclosed that "the catalyst has at least one platinum group metal dispersed thereon along with a halogen component, especially chlorine".

The Examiner's attention is directed to paragraph [0073] in the present disclosure wherein the preference for rhodium deposited from a nitrate precursor and the preference for indium deposited from a nitrate or formate precursor is discussed, along with the accompanying experimental evidence showing the superior results achieved in selective hydrogenation. These results are not fairly suggested by the reference.

Robinson et al. (U.S. 4,522,935) requires the presence of tin and a halogen, which are believed to be precluded by the present claims 1-15 and 19-21.

Furthermore, Claim 31 is directed to a composition consisting essentially of the specified ingredients, said composition effective for the selective hydrogenation of alkynes and olefins. The experimental evidence showing superior results for catalyst composition according to the claims is summarized in paragraph [0073]. Again, such results are not fairly suggested by the reference.

Page 8 of 9

C:\DOCUMENT-1\hml\LOCALS-1\Temp\note\435FB\2003B125-2006July27-RCE & 1.114 Amendm\amend.doc


Application No. 10/720,617  
Attorney Docket No. 2003B125

Accordingly, Applicants submit that the reference of record cannot fairly suggest the present claims and respectfully request that the rejections under §103 made in the parent case be withdrawn.

There being no further issues, Applicants respectfully urge that the present application is in condition for allowance and early indication of such is earnestly solicited.

Respectfully submitted,

27 July 2006  
Date

  
\_\_\_\_\_  
Andrew B. Griffiths  
Attorney for Applicants  
Registration No. 36,336

**ExxonMobil Chemical Co.**  
Law Technology  
P.O. Box 2149  
Baytown, Texas 77522-2149  
Phone: 281-834-1886  
Fax: 281-834-2495